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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shalong Maa, Ph.D.

Application No.: 10/688,269

Filing Date: 10-20-2003

Confirmation No.: 3782

Art Unit: 2109

Examiner: BELOUSOV, ANDREY

Title: "COMPUTER REMOTE CONTROL"

TO: Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Fax: (571) 273-8300

Dear Sir:

APPLICANT'S STATEMENT OF SUBSTANCE OF INTERVIEW

With respect to the above-captioned patent Application and to the non-final Office Action dated 15 March 2007, a Telephone Interview, initiated by the undersigned *pro se* Applicant (via Phone No. (571) 272-6722)), was conducted between the Supervisory Primary Examiner <u>James W. Myhre</u> and the Applicant <u>Shalong Maa</u>. The time of the Interview was 10:00am – 10:30am EST (9:00am – 9:30am CT) on 29 March 2007. The Interview was pre-scheduled by telephone and also by email. The participants of the Interview also included the Examiner <u>Andrey Belousov</u> in addition to the Supervisory Primary Examiner and the Applicant. Applicant's Statement of Substance of the Interview is as follows:

(A) Exhibit/Demonstration Shown or Conducted

There was no demonstration conducted during the Interview. The issues desired by Applicant to be discussed during the Interview were included in an email, which was sent to the Examiner in advance on 26 March 2007, the Interview was essentially conducted following the issues and the proposed amendments enlisted in such an email. The EXHIBIT attached hereto

Pat App No: 10/688,269 - MAA, Shalong

includes a copy of each email communication between Applicant and the Examiner relating/prior to the Interview.

(B) Claims Discussed

The claims discussed during the Interview include Claims 61, 68, 74 and 78. Most of the discussions were focused on Claim 61 and 68.

(C) Prior Art Discussed

The prior art discussed during the Interview is U.S. Pat. No. 6,353,450 issued to DELEEUW, the primary reference cited in the Office Action.

(D) Proposed Amendment

During the Interview, Applicant proposed the following Amendments to the Claims:

(i) The term "default" be inserted in front of the term "desktop display" in Claim 61 and 74 (rewritten as Claim 82), and the following claim language/limitation be added to or included in Claims 61 and 74 (rewritten as Claim 82), and in those depending therefrom:

"said live information being represented by live information data received from said remote computer, said live information data including textual data pertaining to textual or numerical description of a live or recently occurred event."

(ii) The following claim language/limitation be added to or included in Claims 68 (amended, also rewritten as an independent Claim 86) and 78 (rewritten as Claim 83), and in those depending therefrom if any:

"wherein said window includes a finite-size mode in which said window and said display content are displayed within a display area that is smaller than said display device's entire display area"

(E) General Thrust of Principle Argument

The general thrust of the principle arguments during the Interview pertains to the basic nature of the claimed invention and of the prior art. The Supervisory Primary Examiner questioned the Applicant as to the difference between the claimed invention and the commonly seen live

stock quote shown on a computer monitor. Applicant asserted: (i) in the claimed invention, the claim element "live component" in Claims 61 and 74 means that it is a component of a *default* desktop display, which is different from the display of an user-activated application program. The default desktop display, including any of its component, is the display desired by the user to be displayed when there is no user-activated application program, which is why the claimed invention is different from a conventional computer system that has an application program running, such as a web browser, and the application program includes live information received from a remote computer; and (ii) DELEEUW only teaches employing video/imaging means (as opposed to textual description) for recording/presenting a live event, and transmitting the captured video imaging stream reflecting the (physical) scene of the live event to the user's computer;.

During the interview, the parties thereto also discussed the issue of whether DELEEUW teaches the technical concept of transparent window that has a display area that is smaller than the entire screen of the computer monitor.

(F) Other Pertinent Matter Discussed

Other pertinent matters discussed during the Interview include the Examiner's obvious error in associating FIG. 10, ref no. 502 in DELEEUW with the technical concept of transparent window in rejecting Claims.

(G) Outcome of Interview

In general, the Supervisory Primary Examiner agreed that, based on the information available so far, and on Applicant's outlining of the claimed invention (Claims 61, 68) and of the teachings of DELEEUW, it "looks like" the foregoing amendment will overcome DELEEUW as to both the issues of (i) live information being displayed as a component of a default desktop display, and (ii) transparent window that is smaller than the entire display area of the computer monitor.

However, the Supervisory Primary Examiner maintained that, (I) further searching of prior art needs to be conducted as to both the issue of (i) live information being displayed as a component of a default desktop display and (ii) transparent window that is smaller than the entire display area of the computer monitor, and that (II) further studying of DELEEUW also needs to

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be done as to whether DELEEUW teaches that the transparent layer can be smaller than the entire computer monitor display.

(H) Email

A copy of every email communication relating/prior to the Interview is included in the EXHIBIT attached hereto.

Respectfully Submitted

SIGNED ON: 29 March 2007

BY: Shalong Maa, Ph.D. Pro Se Applicant

P.O. Box 600118, Dallas, TX 75360-0118

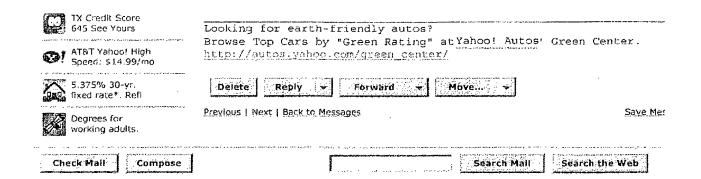
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EXHIBIT

(A copy of each email communication relating to the Interview between Applicant and the Examiner)





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03/29/2007 11:29



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- VIDEO IMAGING DATA REFLECTING A LIVE (PHYSICAL) SCENE as opposed to - TEXTUAL DATA
- With respect to live information associated with a live event, the foregoing cited as well as the entire teachings of DELEEUW clearly suggests that,
- in DELEEUW, both the so-called live information and the transparent display (or transparent "layer") are directly associated with a live "video stream" transmitted to the user's computer and displayed on the user's computer monitor. The live "video stream" may be received from a video camera coupled the user's computer, or from other sources (such as from a computer server); and more importantly, it is a direct reflection or imaging of a live (physical) "SCENE" "CAPTURED" by an instrument (camera), and what is displayed on the user's computer monitor is a playback of such live (physical) scene so [Note that, the term "capture", "scene", and "video data signal" or "video stream" are repeatedly used in DELEEUW];
- DELEEUW only teaches employing Video/Imaging means (as opposed textual description) for recording / presenting a live event, and for transmitting the captured live (physical) scene to the user's computer for display;
- (iii) . DELEEUW does NOT teach providing TEXTUAL DESCRIPTION of a live event, or transmitting the associated textual data live from a remote computer to the user's computer for display. [Note: If the examiner disagree, please point out precisely which specific term in DELEEUW pertains to employing non-video-imaging means in recording, presenting, or representing a live event.)
- Therefore, in DELEEUW, what is displayed on the user's computer monitor is a playback of a captured live physical scene; and the data for representing such live event received by the user's computer (i) is a "video data signal", (ii) is direct reflection or imaging of a live physical scene, and (iii) does not contain textual description or the like of such live event.
- IN CONTRAST: in the claimed invention, what is displayed on the user's computer screen is NOT related to playback of a physical scene captured or imaged; the live information data for representing a live event transmitted from a remote computer to the user's computer and presented on the "live component" of the desktop display thereof (i) are NOT video imaging data, (ii) do pertain to direct reflection or imaging of a live physical scene (i.e., the graphical characteristics of the "live component"

of the desktop display is substantially artificial); and (iii) DO contain textual description of the live event.

- Note that, when textual data are received by a computer, the associated text content (such as the plain texts, or the associated ASCII codes, in a simple example) are usually contained in the textual data, i.e., the texts may be readily extracted from the textual data (usually the data also includes headers); whereas in case of video imaging of a physical scene, even if the physical scene does include a display of languages, words, or texts that can be visually observed or captured by the video camera, it is usually very difficult to extract the text data associated with the text displayed within the video imaging from the video data signals without any very complex video data analysis program.
- 3. FULL-SCREEN TRANSPARENT LAYER as opposed to -FINITE-SIZE TRANSPARENT WINDOW
- 3.1 With respect to the technical concept of Transparent Window or Layer, the plain language of the above-quoted teachings of DELEEUW [2:55-60] is readily clear that, in DELEEUW, (i) both the live information data representing a live event and the technical concept of transparent "layer" are *directly associated* with the video images transmitted to the user's computer and displayed on the computer monitor; and (ii) More importantly, the video images and thus the transparent layer are "rendered to the *ENTIRE SCREEN* of the PC's display".
- 3.2 IN CONTRAST: Applicant's original disclosure makes it clears that, a window may have a "full-screen mode" and a "reduced-size" mode, "i.e., the display of the window is smaller than the full screen" [paragraph 32]. Thus, evidently, in the claimed invention, the technical concept of "transparent window" means that the size of such transparent window may be the same as or be smaller than the entire display area of the screen.
- 3.3 In rejecting Claims 68, 73, 77 and 78, the Examiner refers to FIG. 10, Ref. No. 502 in DELEEUW in support of the Examiner's argument that DELEEUW teaches a window being transparent. However, FIG. 10 and the Ref. No. 502 pertains to a functional block diagram "illustrating components of an application program [i.e., 502]" [2:21-24; 11:32-13:26], and they are NOT related to the actual visual display of the graphical results of such an application program.
- 4. In order to further identify the foregoing differences between the claimed invention and DELEEUW, the following claim limitation are added:
- (i) As for "live information" "said live information

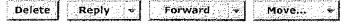
being

represented by live information data received from said remote computer, said live information data comprising textual data pertaining to textual or numerical description of a live or recently occurred event";

- (ii) As for "transparent window" "said window including a finite-size mode in which said window and said display content are displayed within a display area that is substantially smaller than said display device's entire display area"
- 5. Most of the foregoing arguments will be included in my reply to the office action. Please go over them so that we can discuss during the telephone interview. On Thursday. I will initiate the phone call at precisely 12:00am ET (11:00am CT) (unless you do not receive my call within 5 minutes, or you need to reschedule it). I would like to limit the time of the interview to within 30 minutes. (See MPEP)

Sincerely, Shalong Maa, Pro Se Applicant sm2k@yahoo.com (214) 228-8679

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Mr Shalong Maa,

I received your email, and lets plan tentatively for Thursday as we have previously discussed. My Supervisor, who will be attending the interview, is out until tomorrow, so I until I have a chance to speak with him I am not 100% sure whether he would be available at that time. I will let you know soon as I have spoken to him. Please forward the talking points to my email in the mean time.

Regards,

-Andrew Belousov

----Original Message-----

From: Shalong Maa Ph.D. [mailto:sm2k@yahoo.com]

Sent: Friday, March 23, 2007 10:13 AM

To: Belousov, Andrew

Subject: Pat. App. No. 10/688,269 // Interview

Mr. Belousov:

This is to confirm that the telephone interview relating to the present Pat. Application (10/688,269) and to your first office action dated 03-15-2007 will be on next Thursday, 03-29-2007, at 12:00noon, East. T., 11:00am CT, as we agreed upon yesterday over the phone.

My Attachments



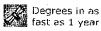
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After receiving your reply, I will send you another email, which will include, in detail, issues I would like to discuss during the interview.

Per your request, I will NOT send the form PTOL-413A ("Applicant Initiated Interview Request")

Thanks

Shalong Maa, Pro Se Applicant P.O. Box 600118 Dallas, TX 75360-0118 Sm2k@yahoo.com (214) 228-8679

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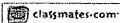
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Mr. Shalong Maa,

We are set to go for the interview at 10am est, please use the following phone number to call: (571) 272-6722. Attending the phone conference interview will be Mr. Myhre (my supervisor) and myself.

Thanks,

-Andrew B.

----Original Message----

From: Shalong Maa Ph.D. [mailto:sm2k@yahoo.com]

Sent: Tuesday, March 27, 2007 9:26 AM

To: Belousov, Andrew

Subject: RE: Pat. App. No. 10/688,269 // Interview

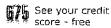
Mr. Belousov:

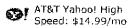
that's ok, 10am EST (9:00am ct)on Thursday (29th.). I will initiate the call. Again, please go over the previous email. regarding the issues I would like to discus during the interview.

Thanks

Shalong

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--- "Belousov, Andrew" <Andrew.Belousov@USPTO.GOV> wrote:

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- > I had a chance to speak with my Supervisor, and as a result we > would like to reschedule the interview to 10am EST that same
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- > Regards,
- > -Andrew B.

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